«Compilation of Unreleased August Ideas»

Abstract:
In August, I formulated several ideas that have not yet been developed. This compilation gathers these ideas with some descriptions.

1. Cosmogony. Artificial Accretion

Cosmogony is the science that studies the origin and development of celestial bodies and their systems. This includes the origin of planets.

By understanding the natural way planetary bodies originate, we can attempt to replicate this process artificially.

Accretion is the process of increasing a celestial body's mass through the gravitational attraction of matter from the surrounding space. Accretion is the primary method of planet formation.

Artificial accretion could become a method for achieving the goal of forming an artificial planet.

2. Hollow Planet

If sufficient material is lacking, one could consider a variant of a partially hollow planet. However, it should be noted that if this concept is used, all other aspects must be reconsidered.

3. Satellites

The possibility of adding a satellite to the orbit of the artificial planet should be considered, as satellites also play a role in various natural processes.

4. Satisfaction of Basic Biological Needs

A habitable artificial planet must satisfy the basic biological needs laid out at the lower levels of Maslow's hierarchy of needs.

It is assumed that needs for food, clean drinking water, oxygen, safety, shelter, and others will be satisfied.

5. Laws and Ethics

An important aspect of creating an artificial planet also involves ethics and legislative procedures.

6. Interdisciplinarity

Planetary engineering is an interdisciplinary science, as the task of building an artificial planet combines many tasks from various scientific fields.

7. Primary Question

The most important and primary question of creating an artificial planet can be formulated as follows: "What is the functional purpose of the artificial planet?", or, more simply, "For what purpose is this artificial planet being created?".

The answer to this question determines the project's goal and influences all subsequent decisions.

Conclusion: This work presented several ideas that will be developed in future works.

Reference:

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